BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK:- Package 03 including 2 works 1) Improvements to drains from 4th cross to 6th cross of Navyanagara in ward no 07 Byatarayanapura. 2) Improvements to drains of Main roads of Navyanagara in ward no 07 Byatarayanapura.

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.01		Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. and as per the directions of the Engineer-in-charge of the work .									
Measurements Taken On :											
		Navya nagar									
		4th Cross Road									
		LHS									
0	15		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15	30		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30	45		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
45	60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
60	75		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
75	86.3		Cum	1	11.30	0.95	0.95	0.95	0.90	9.66	
86.3	95.3	Road Break	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
95.3	110.3		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
110.3	125.3		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
125.3	140.3		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
140.3	155.3		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
155.3	170.3		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
170.3	175.2		Cum	1	4.90	0.95	0.95	0.95	0.90	4.19	
		RHS									
0	15		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15	30		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30	45		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
45	60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
60	75		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
75	90		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
90	105		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
105	120		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
120	135		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
135	150		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
150	156		Cum	1	6.00	0.95	0.95	0.95	0.90	5.13	
		2nd Cross Road									
		LHS									
0	15		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15	30		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30	45		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
45	60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
60	75		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
75	84.1		Cum	1	9.10	0.95	0.95	0.95	0.90	7.78	
84.1	97.3		Cum	1	13.20	0.95	0.95	0.95	0.90	11.29	
97.3	105		Cum	1	7.70	0.95	0.95	0.95	0.90	6.58	
105	120		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
120	135		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	

Above ticked are C & PC 1/3/22

390.91

NDD AE(NS) 01/3/22

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
135	150		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
150	165		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
165	180.5		Cum	1	15.50	0.95	0.95	0.95	0.90	13.25	
		RHS									
0	8.2		Cum	1	8.20	0.95	0.95	0.95	0.90	7.01	
8.2	18.4		Cum	1	10.20	0.95	0.95	0.95	0.90	8.72	
18.4	27.3		Cum	1	8.90	0.95	0.95	0.95	0.90	7.61	
27.3	45.7		Cum	1	18.40	0.95	0.95	0.95	0.90	15.73	
45.7	60.7		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
60.7	72.6		Cum	1	11.90	0.95	0.95	0.95	0.90	10.17	
72.6	81.6	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
81.6	92.3		Cum	1	10.70	0.95	0.95	0.95	0.90	9.15	
92.3	101		Cum	1	8.70	0.95	0.95	0.95	0.90	7.44	
101	116		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
116	119.7		Cum	1	3.70	0.95	0.95	0.95	0.90	3.16	
119.7	135		Cum	1	15.30	0.95	0.95	0.95	0.90	13.08	
135	137.7		Cum	1	2.70	0.95	0.95	0.95	0.90	2.31	
137.7	147.1		Cum	1	9.40	0.95	0.95	0.95	0.90	8.04	
147.1	150		Cum	1	2.90	0.95	0.95	0.95	0.90	2.48	
150	165		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
165	171.9		Cum	1	6.90	0.95	0.95	0.95	0.90	5.90	
		5th Cross road									
		LHS									
0	15		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
15	30		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
30	45		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
45	60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
60	75		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
75	90		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
90	96.5		Cum	1	6.50	0.95	0.95	0.95	0.90	5.56	
96.5	111.5		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38	
111.5	126.5		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38	
126.5	141.5		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38	
141.5	162		Cum	1	20.50	0.45	0.45	0.45	0.50	4.61	
		RHS									
0	15		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38	
15	30		Cum	1	15.00	0.45	0.45	0.45	0.50	3.38	
30	45		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
45	60		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
60	75		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
75	90		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
90	105		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
105	120		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
120	135		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
135	150		Cum	1	15.00	0.95	0.95	0.95	0.90	12.83	
150	162		Cum	1	12.00	0.95	0.95	0.95	0.90	10.26	
		6th Cross Road									
		LHS									
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	

419.34

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore
Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
30	45		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
45	60		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
60	75		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
75	90		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
90	100		Cum	1	10.00	0.90	0.90	0.90	0.90	8.10	
		RHS									
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
30	37		Cum	1	7.00	0.90	0.90	0.90	0.90	5.67	
37	46	No Work	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
46	61		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
61	76		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
76	91		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
91	100		Cum	1	9.00	0.90	0.90	0.90	0.90	7.29	3/3/22
		7th Cross Road									
		LHS									
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
45	56.3		Cum	1	11.30	0.90	0.90	0.90	0.90	9.15	
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
45	47.3		Cum	1	2.30	0.90	0.90	0.90	0.90	1.86	
		RHS									
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	30		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
30	45		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
45	47.3		Cum	1	2.30	0.90	0.90	0.90	0.90	1.86	
0	15		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
15	19.3		Cum	1	4.30	0.90	0.90	0.90	0.90	3.48	
19.3	25.4	Culvert	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
25.4	40.4		Cum	1	15.00	0.90	0.90	0.90	0.90	12.15	
40.4	56.3		Cum	1	15.90	0.90	0.90	0.90	0.90	12.88	
		For Culvert Bed Concrete									
		Navya Nagar									
		4th Cross Road									
			Cum	1	7.80	1.80	1.80	1.80	1.05	14.74	
		2nd Cross Road									
			Cum	1	7.80	1.80	1.80	1.80	1.05	14.74	
		Jakkuru Ayyappa Temple Road									
			Cum	1	7.00	1.80	1.80	1.80	1.05	13.23	

336.02

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

inage m	inage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		7th Cross Road									
			Cum	1	5.00	1.80	1.80	1.80	1.05	9.45	
			Cum	1	6.10	1.80	1.80	1.80	1.05	11.53	
			Cum	1	6.40	1.80	1.80	1.80	1.05	12.10	
		Jakkuru to GKVK Main Road									
			Cum	1	6.10	1.80	1.80	1.80	1.05	11.53	
			Cum	1	5.70	1.80	1.80	1.80	1.05	10.77	
			Cum	1	5.60	1.80	1.80	1.80	1.05	10.58	
			Cum	1	7.00	1.80	1.80	1.80	1.05	13.23	
		Navya nagar									
		4th Cross Road									
		LHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		2nd Cross Road									
		LHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		5th Cross road									
		LHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		6th Cross Road									
		LHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		7th Cross Road									
		LHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					

94.45

4/3/22

Contactor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
			Cum	2	0.28				3.00	1.70	
						(3.14*0.6*0.6)/4					
		Over Burden									
			Cum	1	98.00	1.10	1.15	1.13	0.50	55.13	4/3/22
			Cum	1	73.00	0.75	0.75	0.75	0.45	24.64	31.46
									Total Executed Qty	1322.17	

4/3/22

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.02		Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. and as per the directions of the Engineer-in-charge of the work .									
Measurements Taken On :											
		Navya nagar									
		4th Cross Road									
		LHS									
0	15		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
15	30		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
30	45		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
45	60		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
60	75		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
75	86.3		Cum	1	11.30	0.85	0.85	0.85	0.15	1.44	
86.3	95.3	**Road Break**	Cum	1	0.00	0.15	0.15	0.15	0.00	0.00	
95.3	110.3		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
110.3	125.3		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
125.3	140.3		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
140.3	155.3		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
155.3	170.3		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
170.3	175.2		Cum	1	4.90	0.85	0.85	0.85	0.15	0.62	
		RHS									
0	15		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
15	30		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
30	45		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
45	60		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
60	75		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
75	90		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
90	105		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
105	120		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
120	135		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
135	150		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
150	156		Cum	1	6.00	0.85	0.85	0.85	0.15	0.77	
		2nd Cross Road									
		LHS									
0	15		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
15	30		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
30	45		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
45	60		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
60	75		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
75	84.1		Cum	1	9.10	0.85	0.85	0.85	0.15	1.16	
84.1	97.3		Cum	1	13.20	0.85	0.85	0.85	0.15	1.68	
97.3	105		Cum	1	7.70	0.85	0.85	0.85	0.15	0.98	
105	120		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
120	135		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
135	150		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
150	165		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
165	180.5		Cum	1	15.50	0.85	0.85	0.85	0.15	1.98	07/3/22

60.27

Contactor

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
	RHS									
8.2		Cum	1	8.20	0.85	0.85	0.85	0.15	1.05	
18.4		Cum	1	10.20	0.85	0.85	0.85	0.15	1.30	
27.3		Cum	1	8.90	0.85	0.85	0.85	0.15	1.13	
45.7		Cum	1	18.40	0.85	0.85	0.85	0.15	2.35	
60.7		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
72.6		Cum	1	11.90	0.85	0.85	0.85	0.15	1.52	
81.6	**Culvert**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
92.3		Cum	1	10.70	0.85	0.85	0.85	0.15	1.36	
101		Cum	1	8.70	0.85	0.85	0.85	0.15	1.11	
116		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
119.7		Cum	1	3.70	0.85	0.85	0.85	0.15	0.47	
135		Cum	1	15.30	0.85	0.85	0.85	0.15	1.95	
137.7		Cum	1	2.70	0.85	0.85	0.85	0.15	0.34	
147.1		Cum	1	9.40	0.85	0.85	0.85	0.15	1.20	
150		Cum	1	2.90	0.85	0.85	0.85	0.15	0.37	
165		Cum	1	15.00	0.85	0.85	0.85	0.15	1.91	
171.9		Cum	1	6.90	0.85	0.85	0.85	0.15	0.88	
	5th Cross road									
	LHS									
0	15	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
15	30	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30	45	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45	60	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
60	75	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
75	90	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
90	96.5	Cum	1	6.50	0.80	0.80	0.80	0.15	0.78	
96.5	111.5	Cum	1	15.00	0.00	0.00	0.00	0.00	0.00	
111.5	126.5	Cum	1	15.00	0.00	0.00	0.00	0.00	0.00	
126.5	141.5	Cum	1	15.00	0.00	0.00	0.00	0.00	0.00	
141.5	162	Cum	1	20.50	0.00	0.00	0.00	0.00	0.00	
	RHS									
0	15	Cum	1	15.00	0.00	0.00	0.00	0.00	0.00	
15	30	Cum	1	15.00	0.00	0.00	0.00	0.00	0.00	
30	45	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45	60	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
60	75	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
75	90	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
90	105	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
105	120	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
120	135	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
135	150	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
150	162	Cum	1	12.00	0.80	0.80	0.80	0.15	1.44	
	6th Cross Road									
	LHS									
0	15	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
15	30	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30	45	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45	60	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
60	75	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
75	90	Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	

9/3/22

SB.99

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
00		Cum	1	10.00	0.80	0.80	0.80	0.15	1.20	
	RHS									
15		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
37		Cum	1	7.00	0.80	0.80	0.80	0.15	0.84	
46	**No Work**	Cum	1	0.00	0.10	0.10	0.10	0.00	0.00	
61		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
76		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
91		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
100		Cum	1	9.00	0.80	0.80	0.80	0.15	1.08	9/3/22
	7th Cross Road									
	LHS									
15		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
56.3		Cum	1	11.30	0.80	0.80	0.80	0.15	1.36	
15		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
47.3		Cum	1	2.30	0.80	0.80	0.80	0.15	0.28	
	RHS									
15		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
30		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
45		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
47.3		Cum	1	2.30	0.80	0.80	0.80	0.15	0.28	
15		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
19.3		Cum	1	4.30	0.80	0.80	0.80	0.15	0.52	
25.4	**Culvert**	Cum	1	0.00	0.00	0.00	0.00	0.00	0.00	
40.4		Cum	1	15.00	0.80	0.80	0.80	0.15	1.80	
56.3		Cum	1	15.90	0.80	0.80	0.80	0.15	1.91	
	For Culvert Bed									
	Navya Nagar									
	4th Cross Road									
		Cum	1	7.80	1.70	1.70	1.70	0.15	1.99	
	2nd Cross Road									
		Cum	1	7.80	1.70	1.70	1.70	0.15	1.99	
	Jakkuru Ayyappa									
		Cum	1	7.00	1.70	1.70	1.70	0.15	1.79	
	7th Cross Road									
		Cum	1	5.00	1.70	1.70	1.70	0.15	1.28	
		Cum	1	6.10	1.70	1.70	1.70	0.15	1.56	
		Cum	1	6.40	1.70	1.70	1.70	0.15	1.63	

46.48

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore
Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

...nage n	To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Remarks
		Jakkuru to GKVK Main Road									
			Cum	1	6.10	1.70	1.70	1.70	0.15	1.56	
			Cum	1	5.70	1.70	1.70	1.70	0.15	1.45	
			Cum	1	5.60	1.70	1.70	1.70	0.15	1.43	
			Cum	1	7.00	1.70	1.70	1.70	0.15	1.79	6.22 09/3/22
									Total Executed Qty	**175.78**	

9/3/22

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Assistant Executive Engineer

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

nage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
n	To				(m)	B1	B2	Avg B	(m)		
tem no.04		**Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and/ or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. T.M.T bars Fe 500 and as per the direction of Engineer in charge of the work.**									
Measurements Taken On :											
		For Drain	**Tonne**		**From Calculation Sheet**					**16.47**	
									Total Executed Qty	**16.47**	

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Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kadugodi Sub Division
BBMP, Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

...ORK:- Package 03 including 2 works 1) Improvements to drains from 4th cross to 6th cross of ...agara in ward no 07 Byatarayanapura. 2) Improvements to drains of Main roads of Navyanagara in ward no 07 ...arayanapura.

PRE MEASUREMENT SHEET

FIRST AND FINAL BILL

STEEL CALCULATION

Sl NO	Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
			mm			m	m	kg/m	Kg's
Item no.04	Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and as per the directions of the Engineer in charge								
Measurements Taken On;									
	Present Bill Measurements								
	For RCC Drain								
	Navya nagar								
	4th Cross Road								
	LHS								
	Main Bars (#12@160 c/c)	1	10	1108	1108	1.90	2105.20	0.62	1297.93
	Distribution(15-#8)	1	8	13	13	166.20	2160.60	0.39	852.54
	RHS								
	Main Bars (#12@140 c/c)	1	10	1040	1040	1.90	1976.00	0.62	1218.28
	Distribution(15-#10)	1	8	13	13	156.00	2028.00	0.39	800.22
	2nd Cross Road								
	LHS								
	Main Bars (#12@140 c/c)	1	10	1203	1203	1.90	2286.33	0.62	1409.61
	Distribution(12-#10)	1	8	13	13	180.50	2346.50	0.39	925.89
	RHS								
	Main Bars (#12@140 c/c)	1	10	1086	1086	1.90	2063.40	0.62	1272.16
	Distribution(12-#10)	1	8	13	13	162.90	2117.70	0.39	835.61
	5th Cross road								
	LHS								
	Main Bars (#12@140 c/c)	1	10	643	643	1.90	1222.33	0.62	753.61
	Distribution(12-#10)	1	8	13	13	96.50	1254.50	0.39	495.01

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9860.60

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Description	Nos	BAR DIA	No. Bars	Total No. bars	Length	Total Length	Weight	Total weight
		mm			m	m	kg/m	Kg's
RHS								
Main Bars (#12@140 c/c)	1	10	880	880	1.90	1672.00	0.62	1030.85
Distribution(12-#10)	1	8	13	13	132.00	1716.00	0.39	677.11
6th Cross Road								
LHS								
Main Bars (#12@140 c/c)	1	10	667	667	1.90	1266.67	0.62	780.95
Distribution(12-#10)	1	8	12	12	100.00	1200.00	0.39	473.50
RHS								
Main Bars (#12@140 c/c)	1	10	607	607	1.90	1152.67	0.62	710.66
Distribution(12-#10)	1	8	12	12	91.00	1092.00	0.39	430.89
7th Cross Road								
LHS								
Main Bars (#12@140 c/c)	1	10	691	691	1.90	1312.27	0.62	809.06
Distribution(12-#10)	1	8	12	12	103.60	1243.20	0.39	490.55
RHS								
Main Bars (#12@140 c/c)	1	10	650	650	1.90	1235.00	0.62	761.42
Distribution(12-#10)	1	8	12	12	97.50	1126.67	0.39	444.56
						TOTAL QTY IN KG'S		**16470.41**
						TOTAL QTY IN TONNE		**16.47**

6609

10/3/22

Contactor

Assistant Engineer

Assistant Executive Engineer
Koramangala Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

nage To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Remarks
tem no.05	**Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. and as per the direction of Engineer in charge of the work.**									
Measurements Taken On :										
	Navya nagar									
	4th Cross Road									
	LHS									
0	15	Sqm	4	15.00				0.45	27.00	
15	30	Sqm	4	15.00				0.45	27.00	
30	45	Sqm	4	15.00				0.45	27.00	
45	60	Sqm	4	15.00				0.45	27.00	
60	75	Sqm	4	15.00				0.45	27.00	
75	86.3	Sqm	4	11.30				0.45	20.34	
86.3	95.3	Road Break	0	0.00				0.00	0.00	
95.3	110.3	Sqm	4	15.00				0.45	27.00	
110.3	125.3	Sqm	4	15.00				0.45	27.00	
125.3	140.3	Sqm	4	15.00				0.45	27.00	
140.3	155.3	Sqm	4	15.00				0.45	27.00	
155.3	170.3	Sqm	4	15.00				0.50	30.00	
170.3	175.2	Sqm	4	4.90				0.50	9.80	
		RHS								
0	15	Sqm	4	15.00				0.45	27.00	
15	30	Sqm	4	15.00				0.45	27.00	
30	45	Sqm	4	15.00				0.45	27.00	
45	60	Sqm	4	15.00				0.45	27.00	
60	75	Sqm	4	15.00				0.45	27.00	
75	90	Sqm	4	15.00				0.45	27.00	
90	105	Sqm	4	15.00				0.45	27.00	
105	120	Sqm	4	15.00				0.45	27.00	
120	135	Sqm	4	15.00				0.45	27.00	
135	150	Sqm	4	15.00				0.50	30.00	
150	156	Sqm	4	6.00				0.45	10.80	
		2nd Cross Road								
		LHS								
0	15	Sqm	4	15.00				0.45	27.00	
15	30	Sqm	4	15.00				0.45	27.00	
30	45	Sqm	4	15.00				0.45	27.00	
45	60	Sqm	4	15.00				0.45	27.00	
60	75	Sqm	4	15.00				0.45	27.00	
75	84.1	Sqm	4	9.10				0.45	16.38	
84.1	97.3	Sqm	4	13.20				0.45	23.76	
97.3	105	Sqm	4	7.70				0.45	13.86	
105	120	Sqm	4	15.00				0.50	30.00	
120	135	Sqm	4	15.00				0.50	30.00	
135	150	Sqm	4	15.00				0.50	30.00	
150	165	Sqm	4	15.00				0.50	30.00	
165	180.5	Sqm	4	15.50				0.50	31.00	
		RHS								
0	8.2	Sqm	4	8.20				0.45	14.76	

941.70

C+fc C/O 10/3

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
18.2	18.4		Sqm	4	10.20				0.45	18.36	
18.4	27.3		Sqm	4	8.90				0.45	16.02	
27.3	45.7		Sqm	4	18.40				0.45	33.12	
45.7	60.7		Sqm	4	15.00				0.45	27.00	
60.7	72.6		Sqm	4	11.90				0.45	21.42	
72.6	81.6	Culvert	Sqm	0	0.00				0.00	0.00	
81.6	92.3		Sqm	4	10.70				0.45	19.26	
92.3	101		Sqm	4	8.70				0.45	15.66	
101	116		Sqm	4	15.00				0.45	27.00	
116	119.7		Sqm	4	3.70				0.45	6.66	
119.7	135		Sqm	4	15.30				0.45	27.54	
135	137.7		Sqm	4	2.70				0.45	4.86	
137.7	147.1		Sqm	4	9.40				0.50	18.80	
147.1	150		Sqm	4	2.90				0.50	5.80	
150	165		Sqm	4	15.00				0.55	33.00	
165	171.9		Sqm	4	6.90				0.55	15.18	
		5th Cross road									
		LHS									
0	15		Sqm	4	15.00				0.45	27.00	
15	30		Sqm	4	15.00				0.45	27.00	
30	45		Sqm	4	15.00				0.45	27.00	
45	60		Sqm	4	15.00				0.45	27.00	
60	75		Sqm	4	15.00				0.45	27.00	
75	90		Sqm	4	15.00				0.45	27.00	
90	96.5		Sqm	4	6.50				0.45	11.70	
96.5	111.5	Desilt	Sqm	0	15.00				0.00	0.00	
111.5	126.5	Desilt	Sqm	0	15.00				0.00	0.00	
126.5	141.5	Desilt	Sqm	0	15.00				0.00	0.00	
141.5	162	Desilt	Sqm	0	20.50				0.00	0.00	
		RHS									
0	15	Desilt	Sqm	0	15.00				0.00	0.00	
15	30	Desilt	Sqm	0	15.00				0.00	0.00	
30	45		Sqm	4	15.00				0.45	27.00	
45	60		Sqm	4	15.00				0.45	27.00	
60	75		Sqm	4	15.00				0.45	27.00	
75	90		Sqm	4	15.00				0.45	27.00	
90	105		Sqm	4	15.00				0.45	27.00	
105	120		Sqm	4	15.00				0.50	30.00	
120	135		Sqm	4	15.00				0.50	30.00	
135	150		Sqm	4	15.00				0.55	33.00	
150	162		Sqm	4	15.00				0.50	30.00	
			Sqm	4	12.00				0.50	24.00	
		6th Cross Road									
		LHS									
0	15		Sqm	4	15.00				0.45	27.00	
15	30		Sqm	4	15.00				0.45	27.00	
30	45		Sqm	4	15.00				0.45	27.00	
45	60		Sqm	4	15.00				0.45	27.00	
60	75		Sqm	4	15.00				0.45	27.00	
75	90		Sqm	4	15.00				0.45	27.00	
90	100		Sqm	4	10.00				0.45	18.00	

898.38

Contactor

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage From	Chainage To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		RHS									
0	15		Sqm	4	15.00				0.45	27.00	
15	30		Sqm	4	15.00				0.45	27.00	
30	37		Sqm	4	7.00				0.50	14.00	
37	46	No Work	Sqm	0	0.00				0.00	0.00	
46	61		Sqm	4	15.00				0.50	30.00	
61	76		Sqm	4	15.00				0.55	33.00	
76	91		Sqm	4	15.00				0.60	36.00	
91	100		Sqm	4	9.00				0.60	21.60	
		7th Cross Road									
		LHS									
0	15		Sqm	4	15.00				0.45	27.00	
15	30		Sqm	4	15.00				0.45	27.00	
30	45		Sqm	4	15.00				0.45	27.00	
45	56.3		Sqm	4	11.30				0.45	20.34	
0	15		Sqm	4	15.00				0.45	27.00	
15	30		Sqm	4	15.00				0.50	30.00	
30	45		Sqm	4	15.00				0.50	30.00	
45	47.3		Sqm	4	2.30				0.50	4.60	
		RHS									
0	15		Sqm	4	15.00				0.45	27.00	
15	30		Sqm	4	15.00				0.45	27.00	
30	45		Sqm	4	15.00				0.45	27.00	
45	47.3		Sqm	4	2.30				0.45	4.14	
0	15		Sqm	4	15.00				0.45	27.00	
15	19.3		Sqm	4	4.30				0.45	7.74	
19.3	25.4	Culvert	Sqm	0	0.00				0.00	0.00	
25.4	40.4		Sqm	4	15.00				0.45	27.00	557.04
40.4	56.3		Sqm	4	15.90				0.45	28.62	10/3/22
									Total Executed Qty	**2397.12**	

10/3/22

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Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

..inage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
..m	To				(m)	B1	B2	Avg B	(m)		
Item no.07		**Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications and as per the direction of Engineer in charge of the work.**									
Measurements Taken On :											
		Qty Vide From item no 1								1322.17	
									Total Executed Qty	1322.17	

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Assistant Engineer

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Kodigehalli Sub Division
BBMP, Bangalore

PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

...inage		Description of Item	Unit	No	Length	Breadth			Depth	Quantity	Remarks
...m	To				(m)	B1	B2	Avg B	(m)		
Item no.08		**Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the direction of Engineer in charge of the work.**									
Measurements Taken On :											
		Navya Nagar									
		4th Cross Road									
			Cum	2	7.80	0.60	0.60	0.60	0.75	7.02	
		2nd Cross Road									
			Cum	2	7.80	0.60	0.60	0.60	0.60	5.62	
		Jakkuru Ayyappa									
			Cum	2	7.00	0.60	0.60	0.60	0.90	7.56	
		7th Cross Road									
			Cum	2	5.00	0.60	0.60	0.60	0.60	3.60	
			Cum	2	6.10	0.60	0.60	0.60	0.60	4.39	
			Cum	2	6.40	0.60	0.60	0.60	0.80	6.14	
		Jakkuru to GKVK Main									
			Cum	2	6.10	0.60	0.60	0.60	0.80	5.86	
			Cum	2	5.70	0.60	0.60	0.60	0.80	5.47	
			Cum	2	5.60	0.60	0.60	0.60	0.75	5.04	
			Cum	2	7.00	0.60	0.60	0.60	0.90	7.56	
									Total Executed Qty	**58.26**	14/3/22

C4 & 11/3/22

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Kodigehalli Sub Division
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PRE-MEASUREMENT SHEET
FIRST AND FINAL BILL

Chainage m / To	Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Remarks
Item no.09	**Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20mm deep after raking joints to depth of 20mm nicely lining including cost of materials labour curing complete as per Specification s cement mortar 1:4 and as per the direction of Engineer in charge of the work.**									
Measurements Taken On :										
	Navya Nagar									
	4th Cross Road									
		Sqm	2	7.80				0.75	11.70	
	2nd Cross Road									
		Sqm	2	7.80				0.60	9.36	
	Jakkuru Ayyappa									
		Sqm	2	7.00				0.90	12.60	
	7th Cross Road									
		Sqm	2	5.00				0.60	6.00	
		Sqm	2	6.10				0.60	7.32	
		Sqm	2	6.40				0.80	10.24	
	Jakkuru to GKVK Main Road									
		Sqm	2	6.1				0.80	9.76	
		Sqm	2	5.7				0.80	9.12	
		Sqm	2	5.6				0.75	8.40	
		Sqm	2	7				0.90	12.60	
								Total Executed Qty	**97.10**	11/3/22

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PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
Item no.11 **Laying Reinforced cement concrete pipe NP2 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation protection works backfilling concrete and masonry works in head walls and parapets complete as per Specification 1200mm dia and as per the direction of Engineer in charge of the work.**									
Measurements Taken On :									
Navya nagar									
4th Cross Road									
LHS									
	mtr	2	3.00					6.00	
RHS									
	mtr	2	3.00					6.00	
2nd Cross Road									
LHS									
	mtr	2	3.00					6.00	
RHS									
	mtr	2	3.00					6.00	
5th Cross road									
LHS									
	mtr	2	3.00					6.00	
RHS									
	mtr	2	3.00					6.00	
6th Cross Road									
LHS									
	mtr	2	3.00					6.00	
RHS									
	mtr	2	3.00					6.00	
7th Cross Road									
LHS									
	mtr	2	3.00					6.00	
RHS									
	mtr	2	3.00					6.00	
							Total Executed Qty	**60.00**	11/3/22

11/3/22

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PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

To	Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
em no.12	Providing 100mm and down size nominal size with all lead and left and as per the direction of Engineer in charge of the work.									
Measurements Taken On :										
	For Pit									
	Navya nagar									
	4th Cross Road									
	LHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	RHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	2nd Cross Road									
	LHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	RHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	5th Cross road									
	LHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	RHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	6th Cross Road									
	LHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	RHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	7th Cross Road									
	LHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
	RHS									
		Cum	2	0.28				1.20	0.68	
					(3.14*0.6*0.6)/4					
								Total Executed Qty	6.75	11/3/22

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PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

		Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Remarks
		Providing 40mm and down size nominal size with all lead and left and as per the direction of Engineer in charge of the work.									
		Measurements Taken On :									
		For Pit									
		Navya nagar									
		4th Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		2nd Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		5th Cross road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		6th Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		7th Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
									Total Executed Qty	**2.26**	

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PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

		Description of Item	Unit	No	Length (m)	Breadth B1	Breadth B2	Breadth Avg B	Depth (m)	Quantity	Remarks
		Providing 20mm and down size nominal size with all lead and left and as per the direction of Engineer in charge of the work.									
Measurements Taken On :											
		For Pit									
		Navya nagar									
		4th Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		2nd Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		5th Cross road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		6th Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		7th Cross Road									
		LHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.40	0.23	
						(3.14*0.6*0.6)/4					
									Total Executed Qty	**2.26**	

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PRE-MEASUREMENT SHEET

FIRST AND FINAL BILL

		Description of Item	Unit	No	Length (m)	Breadth B1	B2	Avg B	Depth (m)	Quantity	Remarks
		Providing Fine aggregate 2.36mm nominal size and as per the direction of Engineer in charge of the work.									
		Measurements Taken On :									
		For Pit									
		Navya nagar									
		4th Cross Road									
		LHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		2nd Cross Road									
		LHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		5th Cross road									
		LHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		6th Cross Road									
		LHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		7th Cross Road									
		LHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
		RHS									
			Cum	2	0.28				0.30	0.17	
						(3.14*0.6*0.6)/4					
									Total Executed Qty	**1.70**	11/3/22

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